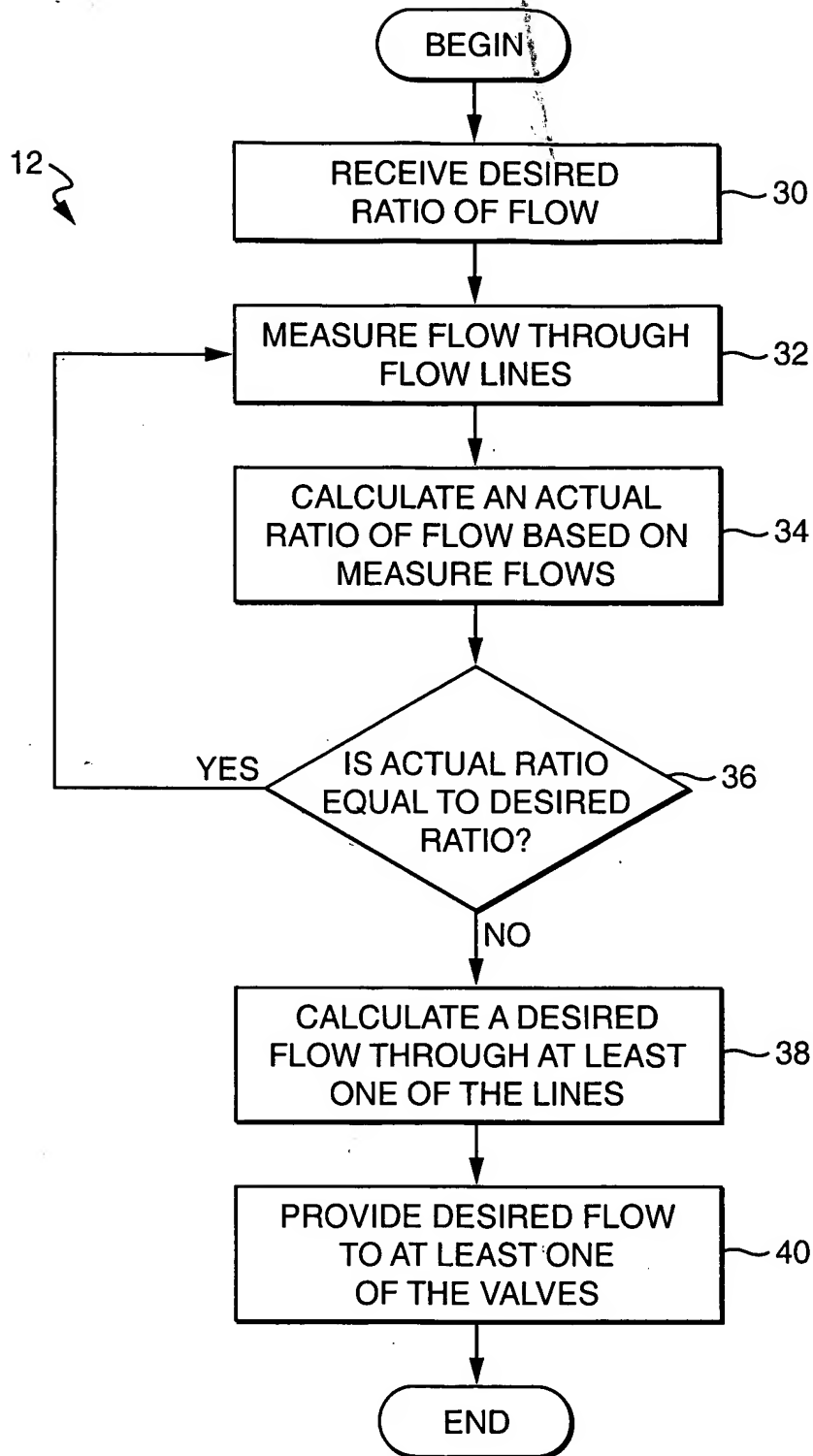


FIG. 1



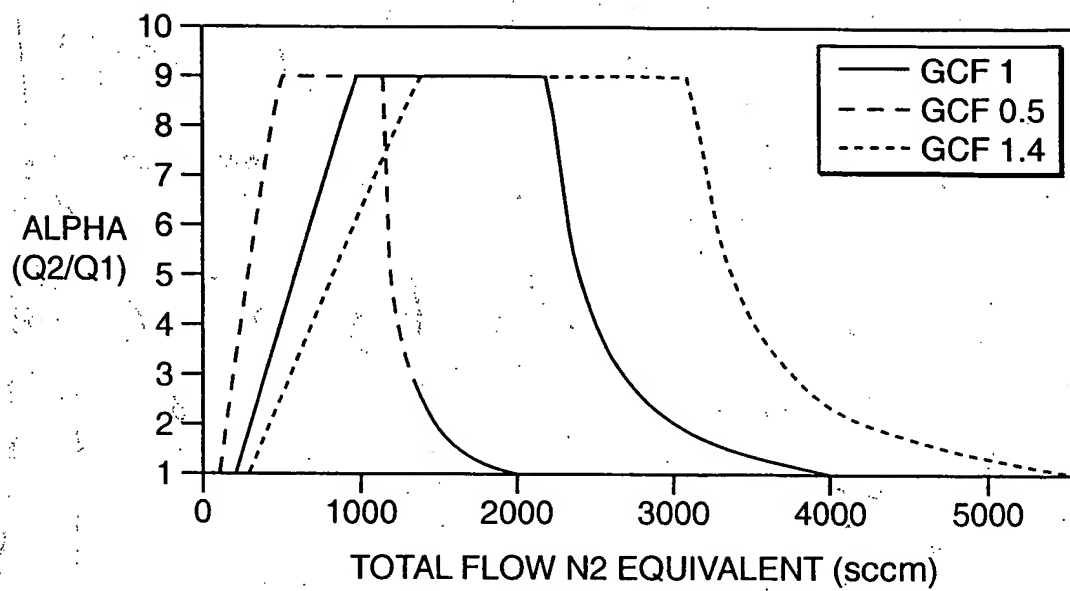


FIG. 3

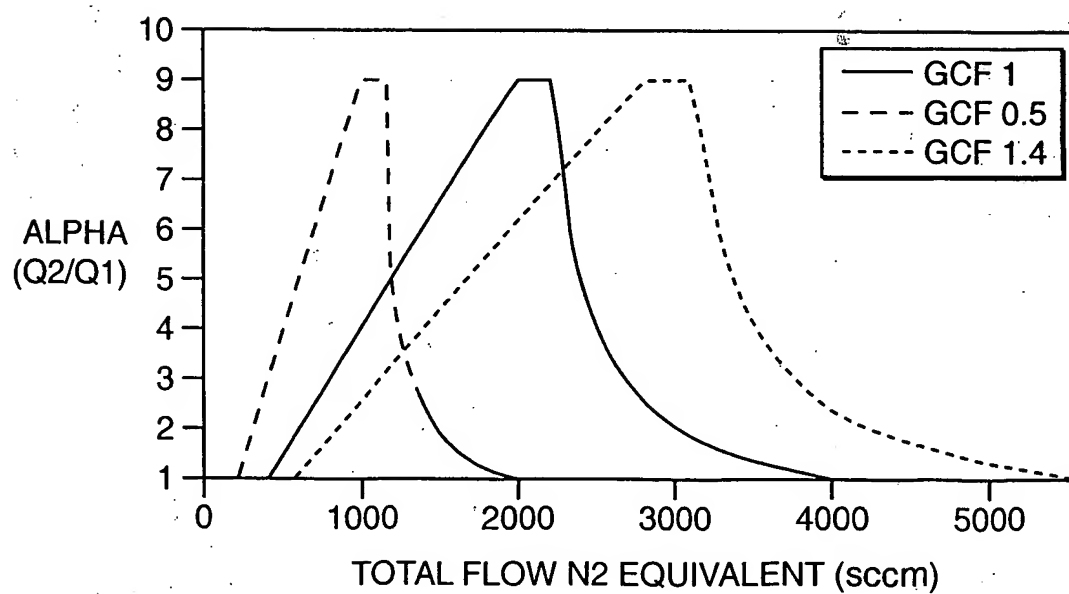


FIG. 4

PIN	ASSIGNMENT	DESCRIPTION
1	NC	
2	FLOW RATIO OUTPUT	0-5 VOLTS, 5mA MAX 1=1:1, 5=10:1
3	NC	
4	VALVES OPEN	TTL LOW=VALVE OPEN
5	POWER COMMON	POWER SUPPLY RETURN
6	-15 VDC SUPPLY	1% REGULATED 1 AMP MAX
7	+15 VDC SUPPLY	1% REGULATED 1 AMP MAX
8	FLOW RATIO COMMAND	0-5 VOLTS
9	ALARM	ALPHA OUT OF RANGE
10	NC	
11	SIGNAL COMMON	
12	SIGNAL COMMON	
13	DISABLE	TTL LOW DISABLES THE DEVICE (VALVES SHUT)
14	RATIO RANGE SWITCH	LOW=ALPHA FROM 0.1:1 HIGH=1:10
15	CHASSIS GROUND	

FIG. 5

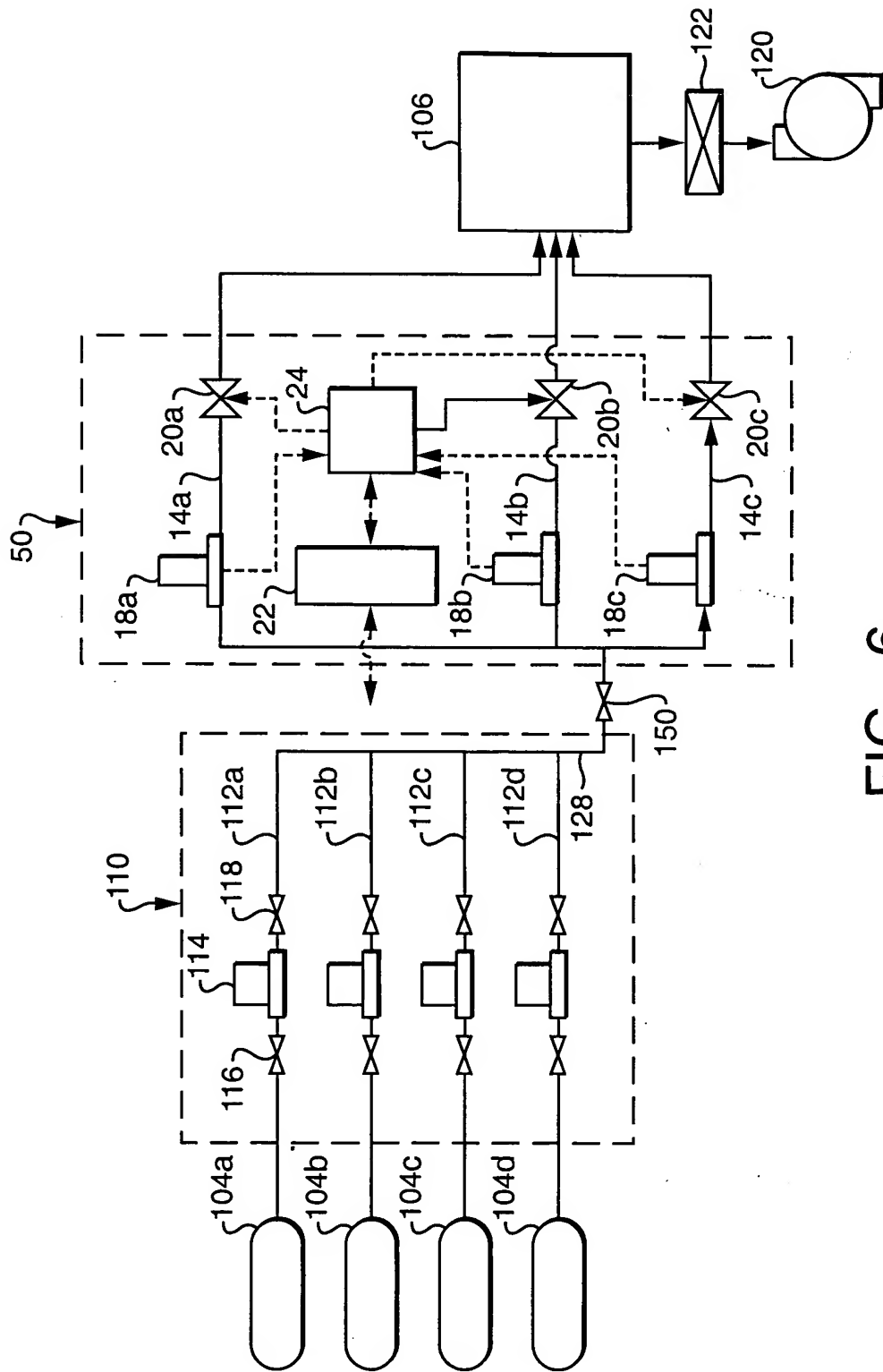


FIG. 6

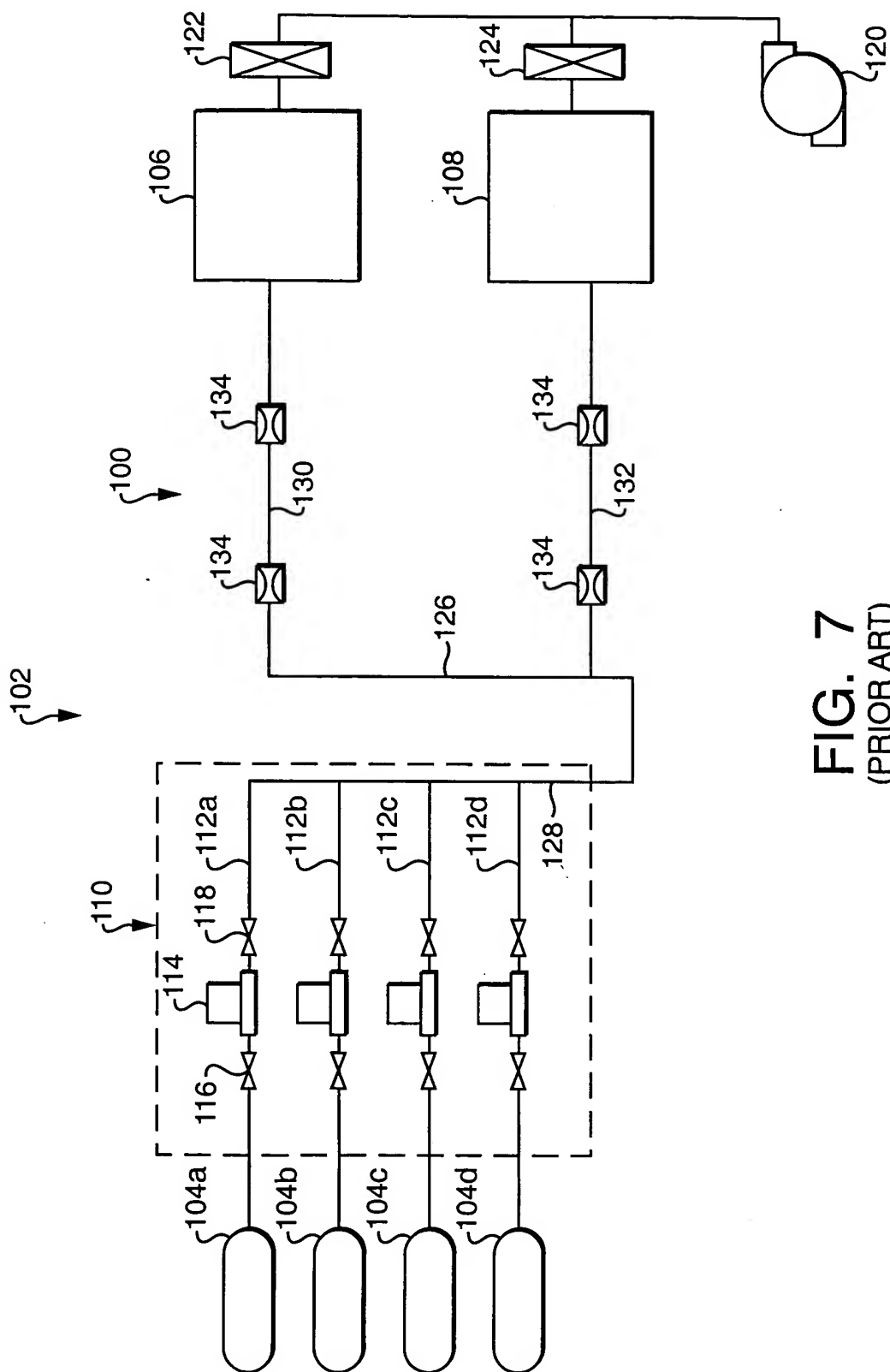


FIG. 7
(PRIOR ART)

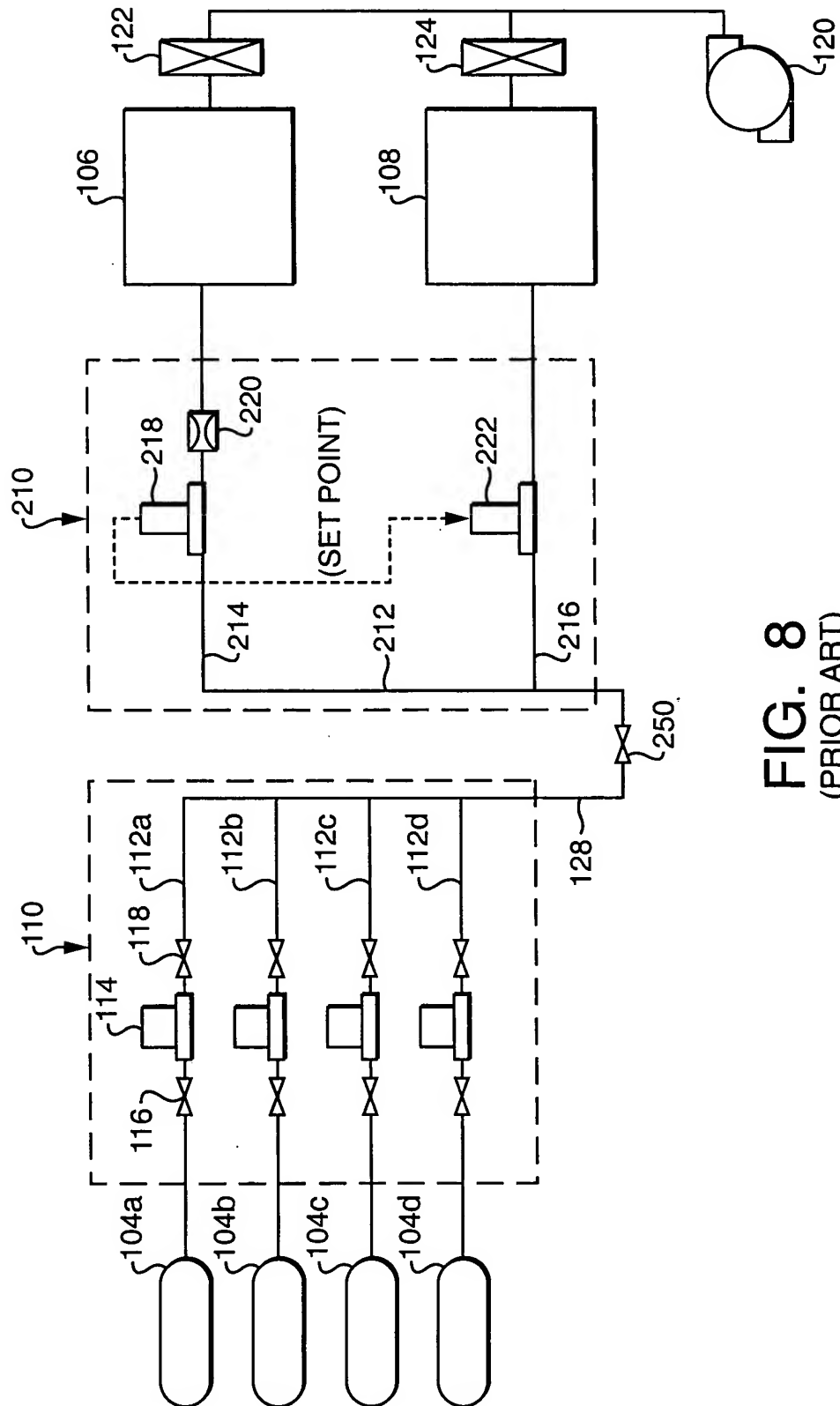


FIG. 8
(PRIOR ART)